

**Survey of mines**

**464. SHRI RAMDAS AGARWAL:** Will the Minister of MINES be pleased to state:

(a) whether Geological Survey of India has undertaken or proposes to undertake a fresh survey of work pertaining to mines in the country;

(b) if so, the locations where gold, silver, copper, platinum, cobalt and iron ore reserves have been found, State-wise;

(c) the approximate quantum of these metals and mineral reserves available in the country and the number of platinum mining lease applications granted; and

(d) what steps Government have taken for improving the quality of exploration and exploitation of these precious metals and minerals, indicating the latest technology available in or outside the country?

**THE MINISTER OF MINES (SHRI SIS RAM OLA):** (a) Geological Survey of India (GSI) regularly carries out survey and regional exploration for minerals in the country.

(b) and (c) As per the Indian Bureau of Mines (IBM), the State-wise location and quantum of mineral reserves/resources estimated by GSI, other Government and private agencies are as follows:—

State & Location	Mineral Ore [m. tonnes]
1	2
<b>GOLD (Reserves)</b>	
Andhra Pradesh [Anantpur, Chittoor, Kurnool]	1.56
Jharkhand [Singbhum East]	0.09
Karnataka [Chitradurga, Dharwad, Gulbarga, Hasan, Haveri, Kolar, Raichur, Tumkur]	17.61
<b>SILVER (Reserves)</b>	
Andhra Pradesh [Guntur]	0.79

1	2
Karnataka [Chitradurga, Raichur]	7.27
Orissa [Sundergarh]	1.07
Rajasthan [Ajmer, Bhilwara, Jhunjhunu, Rajasmand, Udaipur]	106.31
Sikkim [Sikkim East]	0.50
<b>COPPER (Reserves)</b>	
Andhra Pradesh [Guntur, Khammam, Kurnool, Prakasam]	1.45
Gujarat [Banaskantha]	5.80
Jharkhand [Hazaribagh, Singhbhum East]	75.89
Karnataka [Chikmangalur, Chitradurga, Gulbarga, Hasan, North Kanara]	3.56
Madhya Pradesh [Balaghat, Betul, Jabalpur]	227.14
Maharashtra [Bhandara, Chandrapur, Gadchiroli, Nagpur]	2.18
Rajasthan [Ajmer, Alwar, Bharatpur, Bhilwara, Bundi, Chittorgarh, Dungurpur, Jaipur, Jhunjhunu, Pali, Rajasmand, Sikar, Sirohi, Udaipur]	52.94
Sikkim [Sikkim East]	0.51
<b>IRON ORE [Haematite] (Reserves)</b>	
Andhra Pradesh [Anantpur, Cuddapah, Guntur, Khammam, Krishna, Kurnool]	39.59
Chattisgarh [Dantewara, Durg, Kanker, Bastar]	760.51
Goa [Goa North and South]	458.70
Jharkhand [Singhbhum West]	2494.42
Karnataka [Bellari, Chikmangalur]	940.43
Madhya Pradesh [Jabalpur, Katni, Betul]	33.91
Maharashtra [Gadchiroli, Chandrapur, Sundargarh]	13.99

1	2
Orissa [Keonjhar, Sundargarh, Jajpur, Mayurbhanj]	2251.77
<b>IRON ORE [Magnetite] (Reserves)</b>	
Goa [South Goa]	50.11
Karnataka [Chikmangalur, Hassan, North Kanara, Shimoga and Sourth Kanara]	148.43
Maharashtra [Gondia]	0.62
Rajasthan [Bhilwara, Jhunjhunu, Sikar]	4.22
<b>COBALT (Resources)</b>	
Jharkhand [Singhbhum East]	9.00
Nagaland [Tuensang]	5.00
Orissa [Cuttack and Jajpur]	30.91
<b>PGE ( Resources)</b>	
Orissa [Keonjhar]	14.20
Karnataka [Davangere]	0.29

Platinum Group of Elements [PGE] have been granted mining lease in one case since 1.1.2000 co-terminus with existing mining lease for chromite, serpentite and magnetite over an area of 187.03 hecets. in village Boula of Keonjhar district in favour of M/s. FACOR Ltd.

(d) GSI has embarked upon a programme of modernization for acquisition of the state-of-the-art equipment, Heliborne Geophysical System with four sensors and ocean going blue water research vessel. Exploitation of minerals is not within the purview of GSI.

### Safety of mines

465. SHRI MAHENDRA SAHNI: Will the Minister of MINES be pleased to state:

(a) whether Government are capable to make the mines completely safe;